



ABSTRACT

The invention relates to a compensation circuit (1-6) to compensate nonlinear distortions of an A/D converter comprising a signal input and a compensation system. In order to avoid the high costs related to the complex analog design of the A/D converter and/or the high energy consumption in this converter and compensation system, it is proposed that a compensation circuit be used that is composed of digital circuit elements that are connected following the A/D converter and which has a nonlinearly distorted output signal of the A/D converter supplied to it to compensate the nonlinear distortion. Adaptive coefficients are preferably employed here for the compensation.